

5      Abstract

Cooling air supply system for the cooling of different systems requiring cooling air in  
an aircraft

- 10     A cooling air supply system (10) for an aircraft in order to supply cooling air from the  
aircraft surrounds to at least two devices requiring cooling air (38, 44, 56) within the  
aircraft, is designed with an air inlet (12), an air channel (16) communicating with  
the air inlet (12) and with an air distribution device (30, 32, 34) for the distribution of  
air to at least two devices requiring cooling air (38, 44, 56), whereby the air inlet  
15     (12) is proportioned in such a way that it covers the maximum cooling air  
requirement of at least two devices requiring cooling air (38, 44, 56).

(Figure)